



## Sustainable Building Highlights

Habitat for Humanity EKC promotes water conservation, energy efficiency, healthy indoor environments, and low impact development as part of their goal to be a responsible sustainable home builder. The affiliate tracks their goals by using the Evergreen Sustainable Development Standard developed by Washington CTED, the Built Green Standard developed by the Master Builder's Association of King and Snohomish Counties, and EPA's Energy Star. Currently Habitat for Humanity EKC builds to a Built Green 4-star level by implementing the following practices:

- Integrated Design Process-before a new project begins HFH EKC holds a design charrette to bring together sustainable building specialists, building professionals, and other interested parties to develop best green practices for the project
- Locating within Existing Communities-by locating within existing communities we eliminate the need for new infrastructure, provide easy access to resources, and develop community ties for our homeowners
- Water Efficiency-HFH EKC installs low-flow plumbing fixtures and aerators to reduce water use, conserving precious resources and lowering utility bills
- Energy Efficiency-HFH EKC maximizes resident comfort and lowers electric bills through the use of energy efficient Energy Star appliances and smart building practices. We build tight homes to reduce the amount of heat loss in the winter and heat gain in humid summers. As for the appliances HFH EKC installs Energy Star compact fluorescent light bulbs and fixtures, Energy Star high efficiency water heaters, and furnaces
- Healthy living environments-Low-VOC paints and adhesives reduce negative health impacts on our homeowners, construction workers, and volunteers caused by toxic traditional materials.
- Proper ventilation-Building tight means proper planned ventilation. Rather than allowing unconditioned air to leak in wherever it wants, HFH EKC builds tight and provides an Energy Star highly efficient and quiet whole house ventilation system to ensure homeowners have access to healthy clean air.
- Reduce, Reuse, Recycle-HFH EKC uses recycled content material whenever possible and achieves an onsite recycling rate of 85%.
- Education-A homeowner's manual provides homeowners with valuable information related to the care and maintenance of their new sustainable home as well as tips for a sustainable lifestyle such as green cleaning, recycling, and compost. Our affiliate continuously provides education on our sustainable practices to homeowners and volunteers through on-site explanation and orientation and homeowner classes. We can demonstrate that building sustainably does not mean expensive new technology. If Habitat can build affordably and green, then everyone can!



ESDS

## Energy Efficient Homes List

| Date       | Type                   | Address                 | City        | Zip   | Energy Star | Built Green | Blower Door |
|------------|------------------------|-------------------------|-------------|-------|-------------|-------------|-------------|
| 9/10/2009  | single family-detached | 36921 SE Gravenstein Ct | Snoqualamie | 98065 | yes         |             | 4.72 ach 50 |
| 9/20/2009  | single family-detached | 36935 SE Gravenstein Ct | Snoqualamie | 98065 | yes         |             | 5.30 ach 50 |
| 11/19/2009 | single family-detached | 37015 SE Gravenstein Ct | Snoqualamie | 98065 | yes         |             | 5.19 ach 50 |
| 11/19/2009 | single family-detached | 37019 SE Gravenstein Ct | Snoqualamie | 98065 | yes         |             | 6.11 ach 50 |
| 12/9/2009  | single family-detached | 37003 SE Gravenstein Ct | Snoqualamie | 98065 | yes         |             | 5.81 ach 50 |
| 10/27/2010 | duplex                 | 2500 Magnolia NE        | Issaquah    | 98027 | yes         | 4-star      | 3.64 ach 50 |
| 10/27/2010 | duplex                 | 2504 Magnolia NE        | Issaquah    | 98027 | yes         | 4-star      | 3.91 ach 50 |
| 10/27/2010 | duplex                 | 2508 Magnolia NE        | Issaquah    | 98027 | yes         | 4-star      | 3.89 ach 50 |
| 10/27/2010 | duplex                 | 2512 Magnolia NE        | Issaquah    | 98027 | yes         | 4-star      | 3.59 ach 50 |